BOGDANOV, A.

Practical work on the technology of metals. Prof.-tekh. obr. 21 no. 4:15-16 Ap '6/. (MIRA 17:5)

1. Zamestitel' direktora Sverdlovskogo gorodskogo professional'-no-tekhnicheskogo uchilishcha No.1.

BOGDANOV, A. (Leningrad)

Some pages from a factory chronicle. Okhr.truda i sots.strakh. no.5:10-15 N '58. (MIRA 12:1)

1. Predsedatel' zavkoma Kirovskogo zavoda.
(Leningrad--Labor and laboring classes)

BOGDANOV, A., inzh.

Equipment for saving people. Pozh.delo 5 no.8:30 Ag '59.
(MIRA 12:12)
(Great Britain--Fire departments--Equipment and supplies)

L 20773-65 EWT(d)/EWT(m)/FA/T-2/EWA(w)
ACCESSION NR: AP5001366 S/0310/64/000/006/0044/0044

AUTHOR: Bordanov, A. (Engineer) 7

TITLE: New passenger motorship on an air cushion 8

SOURCE: Rechnoy transport, no. 6, 1964, 44

TOPIC TAGS: hovercraft, air cushion transport, water traffic, transportation/ hovercraft Neva, hovercraft Raduga, AI 24 gas turbine

ABSTRACT: The author presents a general description of a hovercraft-type vehicle for water transportation of passengers. Two views of the craft are shown in Fig. 1 on the Enclosure. Some performance and physical details of the craft are listed as follows: 1) nozzle type air cushion scheme; 2) travel weight 21.75 tons, 3) air cushion height 0.2 - 0.3 m; 4) cushion air pressure 200 kg/m^2; 5) air cushion area 165 m^2; 6) cabin length 26.5 m; 7) cabin width 10 m; 8) maximum speed 140 km/hour; 9) speed on wavy surface 60 - 80 km/hour; 10) passenger capacity of 50 with a crew of 2. Estimates of service indicate that trips on the order of 400 km are desirable; expected fares are 30% less than those of conventional Raketa craft. Extensive soundproofing is featured to isolate the

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L 20773-65
ACCESSION NR: AP5001366

passenger compartment from mechanical noise. Lightweight alloys are used whenever feasible, for obvious reasons. Propulsion is by means of an AI-24 aviation gas turbine which transmits power to the propellers through a series of gear reductions. Hydraulically operated air vanes are used for steering. Interior decoration is largely of synthetics. Orig. art. has: 1 figure.

ASSOCIATION: none

SUBMITTED: 00

SUB CODE: GO

NO REF SOV: 000

ENCL: 01

OTHER: 000

Card 2/3

L 20773-65
ACCESSION NR: AP5001366

ENCLOSURE: 01

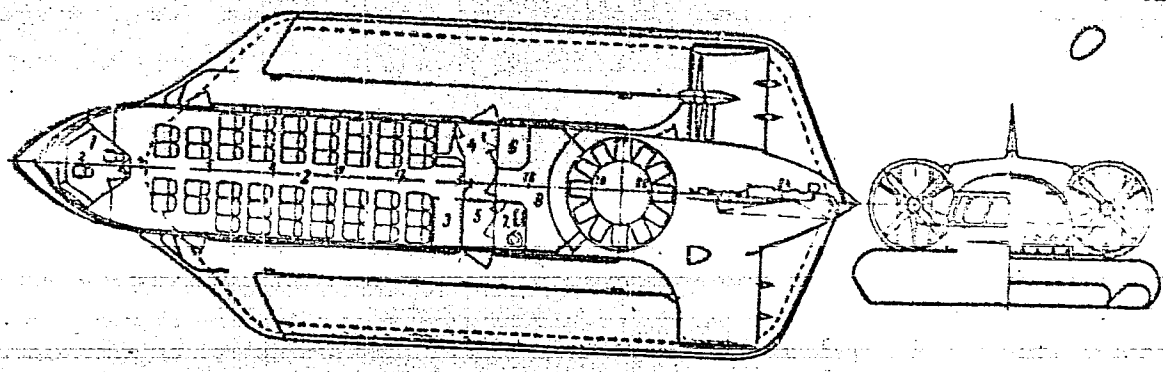

Fig. 1. Plan of the air cushion craft.

1- control cockpit; 2- 50-passenger salon; 3- midship section; 4- buffet; 5- vestibule; 6- storage; 7- restroom; 8- baggage hold; 9- machinery section.

Card 3/3

BOGDANOV, A., inzh.; YEFREMOV, G., inzh.

Combination-type river and seagoing craft. Rech. transp. 24 no.3:33-34 '65. (MIRA 18:5)

BOGDANOV, A., inzh.

Vessel for shipping containerized cargo. Rech. transp. 24 no.11: 52 '65. (MIRA 19:1)

BOGDANOV, A.A.; PAVLOV, A.A.

Automatic and remote control devices on railroads in the German Democratic Republic. Avtom., telem.i sviaz' 6 no.8:44-48 Ag '62. (MIRA 15:8)

1. Glavnyy inzh. proyektov Kiyevgiprotransa (for Bogdanov).
2. Glavnyy inzh. Khar'kovskogo stroitel'no-mintazhnogo upravleniya tresta "Transsignalstroy".
(Germany, East--Railroads--Signaling)
(Germany, East--Railroads--Electronic equipment)

SOV-120-58-3-26/33

AUTHORS: Babichenko, S. I., Bogdanov, A. A. and Khazanov, B.I.

TITLE: A Rate-Meter Based on Crystal Triodes (Izmeritel' sredney skorosti scheta na kristallicheskikh triodakh)

PERIODICAL: Pribory i Tekhnika Eksperimenta, 1958, Nr 3, pp 101-103 (USSR)

ABSTRACT: The circuit of the instrument (including the values of the components) is given in Fig.1. The circuit consists of an input stage, a pulse forming stage and an integrator. Three germanium triodes are used (P6V). The input stage consists of a scaling circuit (two triodes) which is coupled to the amplifier triode through a potential divider. The circuit may be used either with a geiger counter or a photoelectric multiplier. Low leak condensers are used in the integrator and the supplies consist of a 14 V battery, the working current being 10 mA. The input

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A Rate-Meter Based on Crystal Triodes

resolution is 2-3 μsec. The circuit performance does not depend on the temperature (3% error when the temperature changes from -40 to 60°C). There is 1 figure and 1 Soviet reference.

SUBMITTED: August 26, 1957.

1. Radiation counters--Design 2. Radiation counters--Temperature factors 3. Triodes--Applications 4. Germanium--Applications

Card 2/2

PROKOF'YEV, M.A.; ANTONOVICH, Ye.G.; BOGDANOV, A.A.

Investigating the protein nucleotide structures of ribonucleic acid isolated from the pancreas. Biokhimiia 25 no.5:931-936 S-O '60. (MIRA 14:1)

1. Laboratory of Protein Chemistry, Chemical Faculty, State University, Moscow.

(NUCLEIC ACIDS) (PEPTIDES)

BOGDANOV, A. A., PROKOFYEV, M. A., ANTONOVICH, Y. E. G. (USSR).

"The Native Peptide Derivatives of Nucleotides Obtained from RNA of the Pancreas."

Report presented at the 5th International Biochemistry Congress, Moscow, 10-16 August 1961

BOGDANOV, A.A.; PROKOF'YEV, M.A.; ANTONOVICH, Ye.G.; TERGANOVA, G.V.; ANICIMOVA, V.M.

Structure of nucleotide-peptides in the ribonucleic acid isolated from the pancreas. Biokhimiia 27 no.2:266-272 Mr-Ap '62. (MIRA 15:8)

1. Laboratory of Protein Chemistry, Chemical Faculty, State University, Moscow.
(NUCLEIC ACIDS) (PANCREAS)

BOGDANOV, A.A.; ANTONOVICH, Ye.G.; TERGANOVA, G.V.; PROKOF'YEV, M.A.

Nucleotide-peptides as fragments of a high-plymer ribonucleic acid from the pancreas. Biokhimiia 27 no.3:442-447 My-Je '62. (MIRA 15:8)

1. Laboratory of Protein Chemistry, Chemical Faculty, State University, Moscow.
(PANCREAS) (NUCLEOTIDES) (NUCLEIC ACIDS) (PEPTIDES)

BOGDANOV, A.A.; ANTONOVICH, Ye.G.; TERGANOVA, G.V.; PROKOF'YEV, M.A.

New data on the structure of nucleotide-peptides, constituents of pancreatic ribonucleic acid. Biokhimiia 27 no.6:1054-1060 N-D '62. (MIRA 17:5)

1. Laboratoriya khimii belka khimicheskogo fakul'teta Gosudarstvennogo universiteta imeni Lomonosova, Moskva.

BOGDANOV, A.A.; ANTONOVICH, Ye.G.; TERGANOVA, G.V.; PROKOF'YEV, M.A.

Alkali-resistant nucleotide-peptide fragments of ribosomal ribonucleic acid from Escherichia coli. Dokl. AN SSSR 150 no.6:1373-1374 Je '63. (MIRA 16:8)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova. Predstavleno akademikom A.N.Belozerskim.
(NUCLEIC ACIDS) (ESCHERICHIA COLI)

BOGDANOV, A.A. (Moskva)

Forms of chemical bonds between RNA, proteins and their fractions. Usp. sovr. biol. 55 no.3: 321-338 My-Je'63
(MIRA 17:3)

NESMEYANOVA, M.A.; BOGDANOV, A.A.; PROKOF'YEV, M.A.

Alkaline phosphatase linked with ribosomes in Escherichia coli.
Biokhimiia 30 no. 3:463-470 My-Je '65 (MIRA 19:1)

1. Laboratoriya khimii belka khimicheskogo fakul'teta Gosudarstvennogo universiteta imeni Lomonosova, Moskva.

BOGDANOV, A.A.; GORN, L.S.; KHAZANOV, B.I.

Ferrite-transistor decade of higher resolution. Prib. i tekh. eksp. 6 no.2:87-88 Mr-Ap '61. (MIRA 14:9)
(Nuclear counters)

L 10070-63 EWT(d)/EWT(m)/BDS--AFFTC/ASD

ACCESSION NR: AR3000348 S/0058/63/000/004/A052/A053

SOURCE: RZh. Fizika, Abs. 4A417

AUTHOR: Bogdanov, A. A.; Gorn, L. S.; Khazanov, B. I.

TITLE: Portable apparatus for difference measurements

CITED SOURCE: Sb. rabot po nekotorym vopr. dozimetrii i radiometrii ionizir. izlucheniy. Vyp. 2. M., Gosatomizdat, 1961, 63-69

TOPIC TAGS: Differential counting rates, portable apparatus

TRANSLATION: The general principles are considered of the radiometric and dosimetric measurements of the difference in the counting rates of detecting apparatus. Certain particular cases of difference measurements and their specific features are described. The relative advantages and shortcomings of differential circuits of various types are described and discussed. Some differential equipment developed recently is described, namely, the DSI-1 radiometer, intended for the analysis of the content of uranium in non-equilibrium

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L 10070-63
ACCESSION NR: AR3000348

2

uranium ore using the complex Beta-Gamma method; a 2-channel counting apparatus which permits simultaneous registration of the counting rate in one of the channels and of the difference in the counting rates in the other channel; a 2-channel pulse height analyzer, in which the pulses from the outputs of the channels are subtracted in a definite proportion (AI-2 spectrometric equipment). The operating principle of these devices and their main characteristics are considered in detail.

DATE ACQ: 14May63 ENCL: 00 SUB CODE: PH

lm/ja
Card 2/2

BABICHENKO, S.I.; BOGDANOV, A.A.; GORN, L.S.; KAGAN, M.L.; KRYLOV, L.N.; OL'DEKOP, L.G.; KHAZANOV, B.I.; MELESHKO, V.K., red.; DRUZHININA, L.V., tekhn. red.; POPOVA, S.M., tekhn. red.

[Radiometric process instrumentation] Kontrol'no-izmeritel'naia radiometricheskaia apparatura. [By] S.I.Babichenko i dr. Moskva, Gosatomizdat, 1963. 148 p. (MIRA 16:12)
(Radiometry)

BOGDANOV, A.A.

Automatic metering of the consumption of cement in concrete and mortar making machinery. Mekh. stroi. 21 no.3:24 Mr '64. (MIRA 17:3)

1. Rukovoditel' gruppy KuzNIIshakhtostroy.

Bogdanov, A.A.

PA 21T30

USSR/Geology
Soil Science
Clays

Nov 1946

"On the Origin of Horizons of Clayey Breccia in the Carboniferous Flysch of the Sakmara River Basin," A.A. Bogdanov, 14 pp

"Iz Ak Nauk SSSR, Ser Geologi" No 6

A full geological account is given of subject outcroppings found in railroad excavations along the left bank of the Sakmara River.

21T30

BOGDANOV A. A.

LC

USSR/Geology Apr 1947
Stratification

"On Certain Forms of Tectonic Displacements of Carboniferous-Artinskian Deposits on the West Slope of South Urals," A. A. Bogdanov, B. M. Keller, 9 pp

"Byull Moskov Obsh Isp Pri, Nova Ser, Otdel Geol" Vol XXII, No 4

Two tectonic zones distinguished, differing from each other in Paleozoic surface deposits and in structural formation. In the north, the Devonian deposits begin with the horizon of quartz sandstone, and covered by limestone, including the Givetian stage of Middle Devonian, Upper Devonian and

49124

USSR/Geology (Contd) Apr 1947

Carboniferous deposits. In the south, the lime-stone series replaced by terrigenous deposits with interstalated horizons of plate limestone. Intensity of folding sharply increases in the northwest where Pechlian overturned recumbent folds observed, i.e., the Kuminskaya overturned syncline. Probable that formation of this fold connected with the process of gravitational tectogenesis.

49124

BOGDANOV, A.A.; YANSHIN, A.L., red.; KAPELEVICH, R.S., tekhn.red.

[Tectonics of the Ishimbayevo area in the Ural Mountain region] Tektonika Ishimbaevskogo Priural'ia. Moskva, Izd-vo Mosk. ob-va ispytatelei prirody, 1947. 147 p. (Materialy k poznaniiu geologicheskogo stroeniia SSSR, no.7). (MIRA 11:4)
(Ural Mountain region--Geology, Structural)

BOGDANOV, A.A.; TRUSOVA, I.F.

Stratigraphy of lower Paleozoic sediments in the southern part of Kokchetav Province. Biul. MOIP. Otd. geol. 24 no.6:29-33 '49.
(Kokchetav Province--Geology, Stratigraphic) (MIRA 11:6)

158T51

BOGDANOV, A. A.

USSR/Geophysics - Geological Prospecting May/Jun 50
Gravimetry

"Gravitational Anomalies and Their Connection With the Most Important Tectonic Elements of the Western Regions of the Ukrainian SSR," A. A. Bogdanov, B. L. Gurevich, S. Ya. Shereshevskaya, Inst of Geol Sci, Acad Sci USSR, 8 pp

"Iz Ak Nauk SSSR, Ser Geograf i Geofiz" Vol XIV, No 3

Gravitational anomalies in western regions of Ukrainian SSR reflect distribution of masses in both the surface and deep parts of the earth's crust. Submitted 14 Dec 49 by Acad O. Yu. Shmidt.

158T51

[redacted]

BOGDANOV, A.A.

The Committee on Stalin Prizes (of the Council of Ministers USSR) in the fields of science and inventions announces that the following scientific works, popular scientific books, and textbooks have been submitted for competition for Stalin Prizes for the years 1952 and 1953. (Sovetskaya Kultura, Moscow, No. 22-40, 20 Feb - 3 Apr 1954)

Name	Title of Work	Nominated by
Bogdanov, A.A.	"Tectonic Map of the USSR" (scale 1:4 million)	Moscow State University imeni M.V. Lomonosov

SO: W-30604, 7 July 1954

BOGDANOV, A.A.; ZHUKOV, M.M.; MILANOVSKIY, E.V.; PAVLINOV, V.N.; BOGDANOV, A.A., redaktor; SEMENOVA, M.V., redaktor; MALEK, Z.N., tekhnicheskiy redaktor; POPOV, N.D., tekhnicheskiy redaktor.

[Laboratory manual for a course in general geology] Posobie k laboratornym zaniatiiam po kursu obshchei geologii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geologii i okhrane nedr, 1954. 146 p. (MLRA 7:11)
(Geology--Laboratory manuals)

BOGDANOV,A.A.; SHANTSER,Ye.V.

Departments of general geology and historical geology. Trudy MGRI no.26:11-24 '54. (MLRA 8:12)
(Geology--Study and teaching)

BOGDANOV,A.A.; VYSOTSKIY,B.P.; PUSHCHAROVSKIY,Yu.M.

Principal features in the history of the development of theories on the tectonics of the eastern Carpathians. Trudy MGRI no.26: 111-137 '54. (MLRA 8:12)
(Carpathian Mountains--Geology, Structural)

BOGDANOV, A.A.

Tectonics of the western part of central Kazakhstan. Sov.geol. no.41:77-101 '54. (MLRA 8:6)
(Kazakhstan--Geology)

Богданов, А.А.

BOGDANOV, A.A., redaktor; SEMENOVA, M.V., redaktor; POPOV, N.D., tekhnicheskiy redaktor

[Papers on the biostratification of the western provinces of the Ukraine] Materialy po biostratigrafii zapadnykh oblastei Ukrainskoi SSR. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po geol. i okhrane nedr, 1955. 457 p. (MLRA 9:1)

1. Russia (1923- U.S.S.R.) Ministerstvo geologii i okhrany nedr. (Ukraine--Paleontology)

BOGDANOV, A.A.

Some observations on frontal faults. Vest.Mosk.un.10 no.8:117-123 Ag '55. (MLRA 9:1)

1. Kafedra istoricheskoy i regional'noy geologii.
(Faults (Geology))

BOGDANOV, A. A., PEYVE, A. V., and STRAKHOV, N. M.

"Work on the Ural and Pri-Ural"

Byulleten' Moskovskogo Obshchestva Ispytateley Prirody, Otdel Geologicheskiy, Vol XXX, No. 5 Sep-Oct 1955, p 125-132

U-3,053,205, Jan 11, 1957

BOGDANOV, A.A.

"Practical handbook on geological surveying and prospecting."
Reviewed by A.A. Bogdanov. Razved.i okh.nedr 21 no.2:59-62
Mr-Ap '55. (MLRA 9:12)

(Prospecting)

BOGDANOW, A.A. professor

Pride of our national science. Priroda 44 no.5:3-16 My '55
(Moscow university) (MIRA 8:7)

BOGDANOV, A.A.; SMIROVA, M.Ya.

Stratigraphic position of salt-bearing strata in the Miocene profile of the Carpathian piedmont region. Uch.zap.Mosk.un. no.176:37-57 '56. (MLRA 9:12)
(Carpathian Mountain region--Geology, Stratigraphic)

BOGDANOV, A.A.; ZARAVNYAYEVA, V.K.; CHETVERIKOVA, N.P.

New data on the structure of the lower Paleozoic of the Sary-Su-Tengiz uplift in central Kazakhstan. Sov. geol. no.52:27-33 '56.
(Kazakhstan--Geology, Stratigraphic) (MLRA 10:4)

BOGDANOV, A.A.

15-1957-7-8914

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 7, p 4 (USSR)

AUTHOR: Bogdanov, A. A., Muzylev, S. A., Shatalov, E. T.

TITLE: On the Prague and Warsaw Geological Conferences for the Western Nations of National Democracy and the USSR (O Prazhskom i Varshavskom soveshchaniyakh geologov stran narodnoy demokratii Zapada i SSSR)

PERIODICAL: Sov. geologiya, sb. 54, 1956, pp 3-19

ABSTRACT: The basic aim of the Prague conference, held in October 1955, was to work out the general principles, the methodology, and the plan for constructing geological maps to the scale of 1:200 000. It was pointed out that a necessity existed for a unification of effort on the part of the geologists from the participating countries in solving such problems as working out the geology of the Carpathian fold system, the geology of the North German and North Polish plain, and the structure of the plain's folded base. The partici-

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On the Prague and Warsaw Geological Conferences for the Western Nations of National Democracy and the USSR. (Cont.)

pants went on organized field trips to the Rzhychan missif in the region of the classical Silurian and Devonian of Czechoslovakia (Barrandian Paleozoic). At the Warsaw conference, held in April, 1956, there were discussions about the project of instruction necessary for the compiling of geological maps to the scale of 1:200 000, to be carried out (according to the decision of the Prague conference) by the Polish Geological Service. With regard to stratigraphical systems, the conference decided to ignore the common small subdivisions in the Archean and the Proterozoic groups, and to show the main systems, the subdivisions, and, wherever possible, the strata in the Paleozoic and the Cenozoic groups. It was decided to call a number of stratigraphical conferences in the very near future for the purpose of answering controversial questions about the subdividing of the Ordovician and the Silurian and about determining the position of the Daun stratum, and to act on the question of subdividing the Tertiary and the Quaternary systems. The conference

15-1957-7-8914

On the Prague and Warsaw Geological Conferences for the Western Nations of National Democracy and the USSR (Cont.)

also established a common system of stratigraphic indexes of subdivisions for the geological maps. It was decided to draw the maps of natural resources on the full (undivided) geological base and to compile simultaneously a tectonic map of Central and Eastern Europe and the Adjacent countries, to the scale of 1:2 500 000. The participants went on organized field trips from Warsaw to Cracow and into the Tatra Mountains, and also to Upper Silesia and to Velichka. Both conferences considered the question of re-establishing, within the framework of the International Geological Congress, the activities of the Carpathian Geological Association (and its subsequent expansion into the Alpian Association).

Card 3/3

G. I. Denisova

15-1957-10-13583

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 10, pp 18-19 (USSR)

AUTHORS: Bogdanov, A. A., Serova, M. Ya.

TITLE: The Stratigraphic Position of the Salt-Bearing Series in the Miocene Section of the Predkarpat'ye (Cis-Carpathians) (O stratigraficheskom polozhenii solenosnykh svit v razreze miotsena Predkarpat'ya)

PERIODICAL: Uch. zap. Mosk. un-t, 1956, Nr 176, pp 37-57

ABSTRACT: The stratigraphic position and the correlation of the saltbearing and gypseous series of the Miocene of the Predkarpatskiy regional downwarp are examined. In the type section of this area, the nature of the tectonic deformation and the historical development are divided into two zones, an inner and an outer. The Kosmachskaya series occurs at the base of the Miocene molasse of the downwarp. It consists of rhythmically alternating calcareous clays and sandstones, lying conformably on the rocks of the Menilitovaya (menilite) series. A layer of

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The Stratigraphic Position of the Salt-Bearing Series in the Miocene Section of the Predkarpat'ye (Cis-Carpathians)

puddingstone occurs on the southeast; on the northwest, the series consists of friable medium and coarse conglomerates. The series ranges in thickness from 80 to 400 m and is upper Oligocene-upper Miocene in age. Above it occurs the lower Miocene lower salt-bearing series. Saliferous clays with thick deposits of rock salt and potash salts occur at the base and at the top of this series in the northwestern part of the downwarp. The salt-bearing horizons are separated by sandstones with lenses of conglomerate (Truskavetskiye conglomerates). Saliferous clays and sandstones, 250 m thick and similar to the lower salt-bearing horizon, occur at the base of the series in the southeastern part of the downwarp. Above these occur bolder conglomerates (Slobodskiye), 600 m thick and similar to the Truskavetskiy conglomerates. The concluding series of beds, 600 m thick, is an alternating series of gray and greenish argillites, siltstones, and sandstones of the Dobrotovskiye beds. These latter are considered similar to the upper salt-bearing horizon. Foraminifers--Nonion boueanus, Asterigerina planorbis, and others--indicate that the series is Miocene. The middle Miocene

The Stratigraphic Position of the Salt-Bearing Series in the Miocene Section of the Predkarpat'ye (Cis-Carpathians)

in the downwarp is begun by the Helvetian stage, the deposits being called the Stebnikskaya series; this is a thick series of sandstones, clays, and marls which is pink, ranges up to 1000 m in thickness, and contains occasional foraminifers. On the southwestern part of the platform, the Helvetian is represented by lithographic limestones with charophytic algae and by sandstones with Oncophora. The unit is 2 to 3 m thick. The lower Tortonian rocks are abundant, both in the downwarp and on the platform. In the northwestern part of the inner zone they are called the Chaplinskaya series and consist of alternating olive-colored clays, gray marls, and brown sandstones. Large numbers of fossils are found only in the upper part of the series. These are Amussium denudatum and Chlamys scissa among the molluscs, and Orbulina universa, Globigerina bulloides, and others among the foraminifers. In the central and southeastern part of the downwarp, deposits synchronous with the Chaplinskaya series are composed of pink clays and marls, very similar lithically to the rocks of the Stebnikskaya series. Red beds, of Helvetian and

The Stratigraphic Position of the Salt-Bearing Series in the Miocene Section of the Predkarpat'ye (Cis-Carpathians)

lower Tortonian age, are here called the Nadvornyanskaya series. In the outer zone of the downwarp, the lower Tortonian is composed of medium and coarse-grained sands and sandstones with layers of clay, and is up to 500 m thick (Ugerskaya series). On the bordering Russian platform this series consists of sands, clays, marls, and limestones, with an abundant fauna: pectens and, of the foraminifers, lagenids, rotaliids, and elphidium. It is 20 to 60 m thick. The change in lithology and thickness is very sharp at the boundary between the downwarp and the platform. The upper Tortonian deposits are divided into two series, the lower consisting of lagoonal and lacustrine sediments and the upper of marine. The lagoonal and lacustrine deposits in the inner zone of the downwarp are saliferous and gypseous clays 80 to 100 m thick. At Kalush, where there are thick lenses of salt (the upper salt-bearing series), the thickness ranges up to 400 m. In the outer zone of the downwarp, the corresponding rocks are gypsum and anhydrite with layers of clay (the gypseous-anhydrite horizon) 5 to 15 m thick. Synchronous rocks on

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The Stratigraphic Position of the Salt-Bearing Series in the Miocene Section of the Predkarpat'ye (Cis-Carpathians)

the southwestern edge of the Russian platform are transgressive deposits of gypsum, ervilian limestones, and sands. Marine upper Tortonian rocks are widespread, both in the downwarp and on the platform. In the inner zone of the downwarp they are composed of layers of alternating clays, sands, and sandstones (Pokutskaya series). In the northwestern and the southeastern areas of this zone, conglomerates occur in the middle part of this series (Radychskiye and Pistinskiye), which is 600 to 900 m thick. The conglomerates of the Pokutskaya series are absent in the outer zone of the downwarp; here the series ranges up to 1000 m in thickness. The upper Tortonian of the downwarp is abundantly fossiliferous; it is divided into 4 horizons on the basis of foraminifers: P_I--upper Globigerina, P_{II}--poor in microfossils, P_{III}--rich in bottom-dwelling microforms (buliminids, elphidium, rotaliids, anomalinids, and miliolids), and P_{IV}--Buglovskiy horizon with few foraminifers. The upper Tortonian of the bordering Russian platform is composed of a series of variegated, shallow-water deposits: sands, lithothamnion limestones, clays,

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15-1957-10-13583

The Stratigraphic Position of the Salt-Bearing Series in the Miocene Section of the Predkarpat'ye (Cis-Carpathians)

and marls, with numerous fossils. The Buglovskiy horizon is differentiated in the upper part of the sequence. The remaining part of the upper Tortonian of the platform corresponds to horizon P_{III} of the Pokutskaya series of the downwarp. The top of the Miocene molasse of the downwarp is comprised of lower Sarmatian clays with layers of sands and sandstones up to 300 m thick. Two horizons are distinguished: Miliolina (Miliolina reussi and M. predcarpatica) and Nonion (Nonion subgranosus and Elphidium regina). A Miocene section from the Kalush region is shown which has duplication because of overthrusting. The salt-bearing beds of Kalush belong to the lower part of the upper Tortonian (the upper salt-bearing series).

Card 6/6

V. A. Krasheninnikov

BOGDANOV, A.A.

SHATSKIY, N.S.; BOGDANOV, A.A.; BELYAYEVSKIY, N.A.; VERESHCHAGIN, V.I.; ZAYTSEV, N.S.; KOSYGIN, Yu.A.; KROPOTKIN, P.N.; MURATOV, M.V. NAGIBINA, M.S.; OGNEV, V.N.; PAVLOVSKIY, Ye.V.; PEYVE, A.V.; PUSHCHAROVSKIY, Yu.M.; SALOP, L.I.; SOBOLEVSKAYA, V.N.; KHARITONOV, L.Ya.; KHERASKOV, N.I.; SHEYNMAN, Yu.M.; SHTREYS, N.A.; YANSHIN, A.L.; VERSTAK, G.V. redaktor izdatel'stva; GUROVA, O.A. tekhnicheskiy redaktor

[Tectonic map of the U.S.S.R. and adjacent countries on a scale of 1:5,000,000; explanatory notes] Tektonicheskaia karta SSSR i sopredel'nykh stran v masshtabe 1:5,000,000; ob"iasnitel'naia zapiska. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1957. 77 p. (MLRA 10:5)

1. Akademiya nauk SSSR.
(Russia--Geology--Maps)

Bogdanov, A. A.

AUTHOR: None Given 5-6-9/42

TITLE: Chronicle of the Activity of the Geologic Section (Khronika deyatel'nosti geologicheskoy sektsii)

PERIODICAL: Byulleten' Moskovskogo Obshchestva Ispytateley Prirody, Otdel Geologicheskiy, 1957, # 6, -- 115-118 (USSR)

ABSTRACT: The following reports were delivered in the Geologic Section from 1 March to 4 June 1957:

L.I. Krasnyy on the "Mongolian-Okhotsk Geosynclinal Region and Its Place in the Structure of Eastern Asia"; A.A. Bogdanov, M.V. Muratov and V. Ye. Khain on "Some Problems in Geology of Czechoslovakia According to Impressions from a Geological Excursion"; V.I. Samodurov on "Tectonics of the North-Eastern Region Near the Aral Sea"; V.S. Zhuravlev on"Tectonic Nature of Regional Gravitational Peaks of the Caspian Sineclise"; N.F. Balukhovskiy on the "Nature (Theory) of Geologic Cyclicity"; A.V. Solov'yev on "Genetic Types of Petroleum and Origination of Oil Deposits of North-Eastern Sakhalin"; G.I. Makarychev on "Stratigraphy of Proterozoic and Lower-Paleozoic Deposits of the Bol'shoy Karatau"; I.S. Chumakov on "New Data on the Geologic Structure of the Leninogorsk Depression in the Rudnyy Altai"; G.P. Leonov on "Principal Problems in the Stra-

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tigraphy of the Paleogene of the Russian Plateau"; S.V. Semikhatova on "Some Problems in the Stratigraphy of the Lower Part of the Lower-Carboniferous System"; S. Ye. Kolotukhina on "Facies of the Lower-Carboniferous System in the Karatau"; V. Ye. Khain, S.L. Afanas'yev, Yu. K. Burlin, Ye. A. Gofman, M.G. Lomize and V.G. Rikhter on "New Data on the Geology of the North-Western Caucasus", and B.P. Zhizhchenko on a "Draft of the Unified Stratigraphic Scheme of Paleogene and Neogene Deposits".

AVAILABLE: Library of Congress

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Bogdanov, A.A.

BOGDANOV, A.A.

At the 22d session of the International Geological Congress in Mexico. Vest. Mosk. un. Ser. biol., pochv., geol., geog. 12 no.1: 3-15 '57. (MLRA 10:11)

(Mexico (City)--Geology--Congresses)

Bogdanov, A.A.

BOGDANOV, A.A.; GAMKRELIDZE, P.D.; GORSKIY, I.I.; ZARIDZE, G.M.; KRASHENINNIKOV, G.F.; MURATOV, M.V.; RADKEVICH, Ye.A.; SOBOLEV, V.S.; KHAIN, V.Ye.; SHATALOV, Ye.T.

Visiting Czechoslovakian geologists. Vest.Mosk.un.Ser.biol., pochv., geol., geog. 12 no.2:3-27 '57. (MIRA 10:10)
(Czechoslovakia--Geology)

BOGDANOV, A.A., prof.

A map without blanks. Priroda 46 no.8:51-53 Ag '57. (MIRA 10:9)

1. Moskovskiy gosudarstvennyy universitet im. M.V. Lomonosova.
(Geology--Maps)

BORUKAYEV, R.A., akad.; BORSUK, B.I.; KELLER, B.M.; AYTALIYEV, Zh.A.; BOGDANOV, A.A.; BUBLICHENKO, N.L.; BYKOVA, M.S.; GALITSKIY, V.V.; MEDOYEV, G.Ts.; MYAGKOV, V.M.; ORLOV, I.V., RUKAVISHNIKOVA, T.B.; SHLYGIN, Ye.D.; NIKITIN, I.F., uchenyy sekretar'; SENKEVICH, M.A., uchenyy sekretar'.

[Resolutions of the Conference on the Unification of Stratigraphic Charts of the Pre-Paleozoic and Paleozoic of Eastern Kazakhstan] Rezoliutsiia po unifikatsii stratigraficheskikh skhem dopaleozoia i paleozoia vostochnogo Kazakhstana. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1958. 36 p. (MIRA 11:12)

1. Soveshchaniye po unifikatsii stratigraficheskikh skhem dopaleozoya vostochnogo Kazakhstana. Alma-Ata, 1958. 2 Akademiya nauk Kazakhskoy SSR, predsedatel' soveshchaniya po unifikatsii stratigraficheskikh skhem dopaleozoya i paleozoya vostochnogo Kazakhstana (for Borukayev). 3. Zam.predsedatelya soveshchaniya po unifikatsii stratigraficheskikh skhem dopaleozoya i paleozoya vostochnogo Kazakhstana; Vsesoyuznyy nauchno-issledovatel'skiy geologicheskiy institut (for Borsuk). 4. Zam.predsedatelya soveshchaniya po unifikatsii stratigraficheskikh skhem dopaleozoya i paleozoya vostochnogo Kazakhstana; Geologicheskiy institut Akademii nauk SSSR (for Keller). 5. Ministerstvo geologii i okhrany nedr Kazakhskoy SSR (for Aytaliyev, Myagkov). 6. Moskovskiy gosudarstvennyy universitet im. M.V.

(Continued on next card)

BORUKAYEV, R.A.---(continued) Card 2.
Lomonosova (for Bogdanov). 7. Altayskiy gorno-metallurgicheskiy nauchno-issledovatel'skiy institut Akademii nauk Kazakhskoy SSR (for Bublichenko). 8. Institut geologicheskikh nauk Akademii nauk Kazakhskoy SSR (for Bykova, Galitskiy, Medoyev, Shlygin, Nikitin). 9. TSentral'no-Kazakhstanskoye geologicheskoye upravleniye (for Orlov). 10. Yuzhno-Kazakhstanskoye geologicheskoye upravleniye (for Rukavishnikova, Senkevich).
(Kazakhstan--Geology, Stratigraphic)

BOGDANOV, A.A.; MURATOV, M.V.; KHAYN, V.Ye.

Brief review of the tectonics and the history of the development of the western Carpathians. Izv.vys. ucheb. zav.; geol. i razv. no.1:19-33 Ja '58. (MIRA 11:6)

1. Moskovskiy geologo-razvedochnyy institut im. S. Ordzhonikidze, kafedra istoricheskoy geologii, Moskovskiy gosudarstvennyy universitet, kafedra istoricheskoy geologii i Muzey zemlevedeniya.
(Carpathian Mountains--Geology)

BOGDANOV, A.A.

Division of the Ural-Sayan Paleozoic folded area into tectonic regions. Nauch.dokl.vys.shkoly; geol.-geog.nauki no.1:121-123 '58. (MIRA 12:2)

1. Moskovskiy universitet, geologicheskiy fakul'tet, kafedra istoricheskoy i regional'noy geologii.
(Ural Mountains--Folds (Geology))
(Sayan Mountains--Folds (Geology))

BOGDANOV, A.A.

Results of the central Kazakhstan expedition of the Faculty of Geology of Moscow State University. Nauch.dokl.vys.shkoly; geol.-geog.nauki no.1:265-268 '58. (MIRA 12:2)

1. Moskovskiy universitet, geologicheskiy fakul'tet, TSentral'no-Kazakhstanskaya ekspeditsiya.
(Kazakhstan)

BOGDANOV, A.A.

Training of geological engineers in France. Sov. geol. 1 no.1:156-159 Ja '58. (MIRA 11:4)

1. Moskovskiy gosudarstvennyy universitet im. M.V. Lomonosova.
(France--Engineering geology)

YEROFEYEV, B.N.; BELYAYEVSKIY, N.A.; BOGDANOV, A.A.; SHATALOV, Ye.T.

Conference of the commission on a world geological map held in Paris, France, March-April 1958. Sov.geol. 1 no.7:153-160 Jl '58. (MIRA 11:11)

1. Ministerstvo geologii i okhrany nedr SSSR, Moskovskiy gos. universitet im. M.V. Lomonosova i Institut geologii rudnykh mestorozhdeniy, petrografii, mineralogii i geokhimii AN SSSR.
(Paris--Geology--Congresses)

BOGDANOV, A.A.

Tectonic characteristics of the Maritime Alps; Esterel-Mercantour profile. Izv. vys. ucheb. zav.; geol. i razv. 1 no.10:3-13 '58.
(MIRA 12:9)

1.Moskovskiy gosudarstvennyy universitet im. M.V. Lomonosova. Kafedra istoricheskoy geologii.
(Alps--Geology, Structural)

AUTHOR: Bogdanov, A.A.

TITLE: On the Geology of Languedoc and the Eastern Pyrenees (O geologii Langedoka i vostochnykh Pireneyev) SOV-5-58-2-1/43

PERIODICAL: Byulleten' Moskovskogo obshchestva ispytateley prirody - Otdel geologicheskiy, 1958, Nr 2, pp 3-21 (USSR)

ABSTRACT: The author gives a detailed description of the geological structures of Languedoc and the Eastern Pyrenees which he studied during a visit to France in May 1957. The expedition in which he participated was organized by the French geologist Marcel Casteras, Professor of Toulouse University. The author states that some structural features encountered in the development of the Pyrenees show great similarities to those found in the northern regions of the Caucasus, the Crimea and the Kopet-Dag. There are 5 charts, 1 diagram, 6 photographs and 15 references, one of which is Soviet, 13 French, and 1 German.

1. Geology--France

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AUTHOR: Bogdanov, A. A., Professor 30-58-5-29/36

TITLE: News in Brief (Kratkiye soobshcheniya). International Colloquy on the Tectonics of Europe (Mezhdunarodnyy kollokvium po tektonike Yevropy)

PERIODICAL: Vestnik Akademii Nauk SSSR, 1958, Nr 5, pp. 124-125 (USSR)

ABSTRACT: This colloquy was held on March 3-8, by the Commission for Tectonic Charts of the Department of Geological-Geographical Sciences in Moscow. This Commission was founded in spring 1957 under the direction of N. S. Shatskiy, Member, Academy of Sciences, USSR, and the author of this communication. First of all the compilation of a tectonic chart on the scale of 1 : 2500 000 was begun. Members of the national tectonic commissions of the USSR, Poland, Czechoslovakia, the German Democratic Republic, the Mongolian People's Republic took part in the colloquy. Its task was the discussion of the draft of the explanations of the map of Europe, the examination of the authors' drafts of the tectonic charts of the GDR,

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News in Brief. International Colloquy on the Tectonics of Europe 30-58-5-29/36

Poland, Czechoslovakia and the western part of the USSR as well as the generalization of the first attempt of the compilation of a concise tectonic chart of Central Europe. In the compilation of the concise chart difficulties arose due to various doubts which are given in detail. On the basis of suggestions by the Czechoslovak scientist V. Zoubek and by N. S. Shatskiy changes and supplementations were made. Furthermore suggestions and recommendations for the first meeting on the geological chart of the world which was held in April of this year in Paris were coordinated. The first draft of the international map of Europe contains many doubts which can be removed in future. Simultaneously it may be seen from it what extensive possibilities for international research work exist in the field of geology.

1. Geology--Europe 2. Maps--Preparation

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BOGDANOV, A.A.

PHASE I BOOK EXPLOITATION SOV/3751

Isayev, Pavel Petrovich, and Aleksey Aleksandrovich Bogdanov

Obrabotka metallov rezaniyem; rezaniye metallov, rezhushchiy instrument, metallorezhushchiye stanki (Metal Cutting; Cutting of Metals, Cutting Tools, and Metal-Cutting Machine Tools) Moscow, Oborongiz, 1959. 657 p. Errata slip inserted. 16,000 copies printed.

Reviewer: A. M. Karatygin, Candidate of Technical Sciences, Docent; Ed.: Ya. M. Rozenblit, Engineer; Ed. of Publishing House: F. G. Tubyanskaya; Tech. Ed.: V. I. Oreshkina; Managing Ed.: A. I. Sokolov, Engineer.

PURPOSE: This textbook is intended for students at tekhnikums. It can also be used by technicians, foremen, economists, planners, and other personnel in the machine industry.

COVERAGE: The book deals with the theory of metal cutting. Tool constructions, working methods and constructional features and setup of the principal types of metal-cutting machine tools are discussed. A description of electro-chemical and ultrasonic metal-machining methods is presented. Chapters I to V

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Metal Cutting (Cont.) SOV/3751

and VIII to X were written by P. P. Isayev, Candidate of Technical Sciences, and Chapter VI by A. A. Bogdanov, Engineer. Chapter VII was written with the assistance of Candidate of Technical Sciences A. Ye. Martyshkin. There are 45 references, all Soviet.

TABLE OF CONTENTS:

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Ch. I. Basic Information on Metal Cutting and Machine Tools 7
1. Cutting process. Basic concepts and definitions of cutting 7
2. Phenomena accompanying the metal-cutting process 20
1. Cutting process 20
2. Types of chips 23
3. Chip shrinking and expansion 25
4. Metal built up on the tool 27
5. Work hardening in metal cutting 29

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5(3)

AUTHORS: Prokof'yev, M. A., Bogdanov, A. A.

SOV/156-59-1-34/54

TITLE: The Synthesis of N-Aminoacyl Derivatives of the Amino-pyrimidines and of 3-β-d-Glucopyranosyl-cytosine by the Actions of Mixed Anhydrides of Phosphoric Acid and Amino Acids (Sintez N-aminoatsil'nykh proizvodnykh aminopirimidinov i 3-β-d-glyukopiranoziltsitozina deystviyem smeshannykh angidridov fosfornykh kislot i aminokislot)

PERIODICAL: Nauchnyye doklady vysshey shkoly. Khimiya i khimicheskaya tekhnologiya, 1959, Nr 1, pp 134 - 137 (USSR)

ABSTRACT: The reactions of the mixed phosphoricacid - aminoacid-anhydrides with compounds containing amino- and other groups are of interest as such mixed anhydrides may be looked upon as the simplest analogues of the corresponding amino acid derivatives of the nucleotides, to which an important role is ascribed in protein biosynthesis. The mixed anhydrides primarily chosen were those of dibenzyl-phosphoric acid with kbz-amino acids (kbz-glycine, kbz-alanine, kbz-leucine). Kyanmethine and 3-β-d-glucopyranosyl-cytosine, which, in its

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properties, is like natural cytidine, were aminocylated. The reaction was carried out at room temperature in absolute dioxan. The substitution by the amino acid of one hydrogen atom of the amino group of the heterocyclic compound took place, dibenzylphosphoric acid being liberated. The separation from dibenzyl-phosphoric acid of the aminoacid derivatives, however, is complicated and significantly lowers the yield. The mixed anhydrides of ethylphosphorous acid with kbz-amino acids in dioxan on short heating to 105-110° proved to be more useful. In this process the anhydride is formed in the reaction mixture, even after the addition of dichloroethyl-phosphite and amino acid, and immediately reacts with the amino group of pyrimidine. The structures of the compounds obtained were determined by means of analysis and investigation of the hydrolysis products, as well as of the absorption spectra in ultra violet. The following substances were produced: 6-kbz-glycyl-amino-2,4-dimethyl-pyrimidine, 2-kbz-alanyl-amino-6-oxo-1,4-dimethyl-pyrimidine, 6-kbz-leucyl-amino-2,4-dimethyl-pyrimidine, N_6-kbz-glycyl-3-β-d-tetra-

The Synthesis of N-Aminoacyl Derivatives of the Amino- SOV/156-59-1-34/54
pyrimidines and of 3-β-d-Glucopyranosyl-cytosine by the Actions of Mixed Anhydrides of Phosphoric Acid and Amino Acids

acetylgluco-pyranosylcytosine, and N_6-kbz-leucyl-3-β-d-tetra-acetylgluco-pyranosylcytosine. There are 3 references, 2 of which are Soviet.

ASSOCIATION: Kafedra organicheskoy khimii Moskovskogo gosudarstvennogo universiteta im. M. V. Lomonosova (Chair of Organic Chemistry of Moscow State University imeni M. V. Lomonosov)

SUBMITTED: July 21, 1958

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3(10) SOV/9-59-4-10/11

AUTHOR: Bogdanov, A.

TITLE: Improved Methods of Slope Structures Prospecting by Seismographic Exploration (Usovershenstvovaniye metodiki poiskov pologikh struktur metodami seysmorazvedki)

PERIODICAL: Geologiya nefti i gaza, 1959, Nr 4, pp 54-57 (USSR)

ABSTRACT: A Session dealing with the improvement of slope structure exploration by seismographic methods was convened at Ufa in November 1958. The Session was attended by representatives of 39 geophysical organizations and heard 20 reports. A series of recommendations were given including: improved registration of reflected waves; the use of continuous two-frequency profiling; selection of optimum conditions for oscillation excitation and other recommendations. The basic and most urgent tasks of scientific research work were also outlined.

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3(2), 3(5)

AUTHOR: Bogdanov, A. A., Professor

SOV/30-59-1-32/57

TITLE: News in Brief (Kratkiye soobshcheniya) Conference on the Tectonics of the East Carpathian Mountains and of the Balkans (Kollokvium po tektonike Vostochnykh Karpat i Balkan)

PERIODICAL: Vestnik Akademii nauk SSSR, 1959, Nr 1, pp 120 - 120 (USSR)

ABSTRACT: This conference was held in Lvov from September 30 until October 2, 1958 and had been convened by the Komissiya po tektonicheskim kartam Akademii nauk SSSR (Committee for Tectonic Charts of the Academy of Sciences USSR). Representatives from Bulgaria, Hungary, the German Democratic Republic, Poland, Rumania, the USSR and Czechoslovakia participated in the 5 sessions. The draft of the tectonic chart of Eastern Europe was investigated and discussed. The scale is 1:2,500,000 (USSR, Poland, the German Democratic Republic and Czechoslovakia). The same was done with the new tectonic charts of Hungary; Rumania and Bulgaria: the scale is 1: 500,000. The participants recommended a number of supplementary descriptions for the international chart of Europe.

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BOGDANOV, A.A.; GORSKIY, I.I.; MURATOV, M.V.

Session on a tectonic map and a coal deposit map of Europe held in Paris, France, March 14-25, 1959. Sov. geol. 2 no.6:142-145 Je '59. (MIRA 12:12)

1.Akademiya nauk SSSR, Moskovskiy gosudarstvennyy universitet im. M.V. Lomonosova i Moskovskiy geologorazvedochnyy institut im. S. Ordzhonikidze.
(Europe--Geology, Structural--Maps)
(Coal geology--Maps)

AMIRASLANOV, A.A; BOGDANOV, A.A.; MALINOVSKIY, F.M.; SHCHERBAKOV, S.A.

Academician Kanysh Imantaevich Satpaev; on his 60th birthday.
Sov.geol. 2 no.7:150-152 Jl '59. (MIRA 13:1)
(Satpaev, Kanysh Imantaevich, 1899-)

BOGDANOV, A.A., prof., red.; GORODENSKIY, L.M., red.; GVOZDEV, V.A., tekhn. red.

[New data on the structure of the earth and earth's crust] Novye dannye o stroenii zemli i zemnoi kory. Moskva, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR. Nos.1-2. 1960. (MIRA 14:9)

(Earth)

CHETVERIKOVA, Nataliya Petrovna; BOGDANOV, A.A., red.; LYUBIMOV, I.M., red.; YERMAKOV, M.S., tekhn.red.

[Ordovician and Silurian sediments in the western part of central Kazakhstan] Ordovikskie i siluriiskie otlozheniia zapadnoi chasti TSentral'nogo Kazakhstana. Izd-vo Moskovskogo universiteta, 1960, 97 p. (Materialy po geologii TSentral'nogo Kazakhstana, vol.1). (MIRA 15:3)

(Kazakhstan—Geology)

BOGDANOV, A.A. (SSSR); SLAVIN, V.I. (SSSR); KSIAZKIEWICZ, M. (Pologne); VARENTSOV, M.I. (SSSR); WDOWIARZ, St. (Polska); PASHCHENKO, Ya.Ye. (SSSR); MISHUNINA, Z.A. (SSSR); ZIELINSKI, J. (Polen)

Participation in discussions. Mat.Karp.-Balk.assots. no.1:190-207 '60. (MIRA 14:12)

(Geology)

BOGDANOV, A.A.

In memory of Academician Jan Samsonowicz. Vest.Mosk.un.Ser.4: Geol. 15 no.1:73-75 '60. (MIRA 14:4)

(Samsonowicz, Jan, 1888-1959)

BOGDANOV, A.A.; PETENKO, V.S.

First results of theseries of public lectures on "Basic problems of geology" given at the Faculty of Geology. Vest.Mosk.un.Ser.4: Geol. 15 no.3:78-79 My-Je '60. (MIRA 13:8)
(Geology)

BARSANOV, G.P.; BOGDANOV, A.A.; YERMAKOV, N.P.; KRASHENINNIKOV, G.F.; SERGEYEV, Ye.M.; SMIRNOV, V.I.; YAKUSHOVA, A.F.

International geological congress in Copenhagen. Vest. Mosk. un. Ser. 4: Geol. 15 no.6:3-12 N-D '60. (MIRA 14:1)
(Geology—Congresses)

BOGDANOV, A.; KRASHENINNIKOV, G.; LANGE, O.; SERGEYEV, Ye.; SMIRNOV, V.

In memory of Academician Nikolai Sergeevich Shatskii, 1895-1960.
Vest. Mosk. un. Ser. 4: Geol. 15 no.6:73-75 N-D '60.
(MIRA 14:1)

(Shatskii, Nikolai Sergeevich, 1895-1960)

BOGDANOV, A.A., professor

Final meeting of the editorial board for the first international tectonic map of Europe. Vest.AN SSSR 30 no.7:86 Jl '60. (MIRA 13:7)
(Europe--Geology; Structural--Maps)

ABDULKABIROVA, M.A.; ALEKSANDROVA, M.I.; AFONICHEV, N.A.; BANDALETOV, S.M.; BASPALOV, V.F.; BOGDANOV, A.A.; BOKOVIKOV, L.I.; BORSUK, B.I.; BORUKAYEV, R.A.; BUVALKIN, A.K.; BYKOVA, M.S.; DVORTSOVA, K.I.; DEMBO, T.M.; ZHUKOV, M.A.; ZVONTSOV, V.S.; IVSHIN, N.K.; KOPYATKEVICH, R.A.; KOSTENKO, N.N.; KUMPAN, A.S.; KURDYUKOV, K.V.; LAVROV, V.V.; LYAPICHEV, G.F.; MAZURKEVICH, M.V.; MIKHAYLOV, A.Ye.; MIKHAYLOV, N.P.; MYCHNIK, M.B.; NIDLENKO, Ye.N.; NIKITIN, I.F.; NIKIFOROVA, K.V.; NIKOLAYEV, N.I.; PUPYSHEV, N.A.; RASKATOV, G.I.; RENGARTEN, P.A.; SAVICHEVA, A.Ye.; SALIN, B.A.; SEVRYUGIN, N.A.; SEMENOV, A.I.; CHERNYAKHOVSKIY, A.G.; CHUYKOVA, V.G.; SHLYGIN, Ye.D.; SHUL'GA, V.M.; EL'GER, E.S.; YAGOVKIN, V.I.; NALIVKIN, D.V., akademik, red.; PERMINOV, S.V., red.; MAKRUSHIN, V.A., tekhn.red.

[Geological structure of central and southern Kazakhstan] Geologicheskoe stroenie TSentral'nogo i IUzhnogo Kazakhstana. Leningrad, Otdel nauchno-tekn.informatsii, 1961. 496 p. (Leningrad. Vsesoiuznyi geologicheskii institut.Materialy, no.41) (MIRA 14:7)

(Kazakhstan--Geology)

DOGMPOV, A.A.

Basic results of the Conferences of the Subcommittee on the Tectonic Map of the World during the 21st Session of the International Geological Congress held in Copenhagen, August 1960. Sov.geol. 4 no.2:173-176 F '61. (MIRA 14:10)

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova.
(Geology, Structural--Maps)

BOGDANOV, A.A.; PETRENKO, V.S.

Series of public lectures on "Basic geological problems" given by the department of geology. Vest.Mosk.un.Ser.4: Geol. 15 no.2: 76-78 Mr-Ap '61. (MIRA 14:4)
(Geology—Study and teaching)

BOGDANOV, A.A.

Some problems of the tectonics of Europe in connection with the compilation of the first international tectonic map of Europe made on a 1:2 500 000 scale. Part 1. Vest.Mosk.un. Ser.4:Geol. 16 no.5:46-66 S-O '61. (MIRA 14:9)
(Europe--Geology, Structural--Maps)

BOGDANOV, A.A.; PETRENKO, V.S.

Cycle of public lectures on "Basic geological problems" at the Faculty of Geology in the 1960/61 academic year. Vest.Mosk.un. Ser.4:Geol. 16 no.5:78-80 S-O '61. (MIRA 14:9)
(Geology)

S/011/61/000/004/001/001
A051/A129

AUTHORS: Shatskiy, N. S., deceased, Bogdanov, A. A.

TITLE: On the international tectonic map of Europe, scale 1:2,500,000

PERIODICAL: Akademiya nauk SSSR, Izvestiya. Seriya Geologicheskaya, no. 4, 1961, 3 - 25

TEXT: On May 25, 1957, at a special conference of the Committee for a geological world chart, in connection with a resolution passed by the XX Session of the International Geological Congress (Mexico, 1956) on the need for compiling international tectonic charts of the continents and the world, it was decided to commence work on the creation of a European tectonic chart. Preparatory work in this respect was carried out during the period between 1957 and the beginning of 1958. In April 1958 at a session of this committee in Paris a program was submitted for work, a legend project and a model of part of the chart drawn up by N. S. Shatskiy, A. A. Bogdanov, V. Zoubek, A. Mateykaya, M. V. Muratov, A. Vatts nauer, F. Shtok, S. Sokolovskiy, G. Znosko, Ye. P. Bruns, A. Ya. Dubinskiy, V. Ye. Khain, and other geologists of Czechoslovakia, German Democratic Republic, Poland and the USSR. The session adopted the scale of the furture chart (1:2,500,000)

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On the international tectonic map of Europe, scale ....

and its geographic basis. It was decided that the chart should be compiled by the XXI session of the International Geological Congress (Copenhagen, 1960). Similar sessions, where many geologists of various countries took part, were held in September 1958 in Lvov; in March 1959 in Paris; in June 1959 in Moscow. At the end of March and beginning of April 1960 in Paris the final session of the editorial committtee was held, where the general model of the international tectonic chart was reviewed. After certain recommendations made here, the congress was presented with a paper and the first international tectonic chart of Europe. The chairman of the editorial committee was N. S. Shatskiy, the scientific secretary A. A. Bogdanov, honorary chairman G. Stille. The author of the present article organized all the undertakings. Most of the models of the tectonic charts of various countries taken as the basis of the European tectonic chart were compiled by applying the latest data of geological and geophysical investigations and results of the drilling of deep wells. Parts of the charts were put together by using already published geological charts of various scales (from 1:200,000 to 1:2,500,000) and existing geological descriptions (for Ireland, Switzerland, etc). The geographical basis of the European tectonic chart (scale 1: 2,500,000) was compiled and published by order of the department of geologico-geographical sciences of the USSR and the main administration of geodesy and cartography of

the Ministry of Geology and Protection of Natural Resources in the USSR. In designating the general symbols for the tectonic charts, the general orogenetic epochs are taken for each epoch in all geosynclinal regions of the earth. Due to the general principles of the legend the compilation of these charts is one of the methods of tectonic analysis, making it possible to form new questions and to solve them, not in an isolated way, but rather on the background of the general picture of the tectonic structure of large territories and the entire earth. The basis of the legend were the symbols of the 1956 USSR map in the scale 1:5,000,000. Important changes and additions were constantly added. The age of the folds was the main sign used for dividing the territory on the chart into natural geological regions, and this age was determined by the time of the final intensive deformations in the followed geosynclinal regions. Folded regions of various ages were classified into: archaic, proterozoic, Baikal and Alpine. The large time periods are classified as megachronic ones, the last one being the most apparent. During the last megachrone a sharp transformation took place in the earth's crust and its main modern structures were formed. The most complex part of the legend are the symbols used for the ancient block bodies located in the younger folded belts. The tectonic zonality is the main characteristic of the folded geosynclinal regions, and outlining these tectonic zones is the most valuable quality of the re-

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gional charts. Several structural floors are noted in the folded geosynclinal structures. The folded structures of the Alpine region are subdivided further into subfloors. Further mention is made concerning: the depiction of the main structural elements of the platforms, some of the litho-petrographic symbols, types of sedimentation and vulcanogenic associations, intrusive masses, symbols for structural features, tectonic forms and border lines. A short outline is given of the further development of the legend of the tectonic charts. Certain improvements and corrections were added to the legend of the European chart as compared to that of the 1956 USSR chart. Some of the more important tectonic elements of the European Map are given and their expression on the chart is described in detail. The following areas are added to the new chart: the Baltic Shield, the Erie Platform, the Canadian Shield and the African Platform. One of the most complex problems of the tectonics of Europe which had to be solved was the relation between the ancient platform and the paleozoic folds within the range of the lowlands of Holland, Northern Germany and Poland. These complex relationships are simplified by disregarding the bilateral hypothesis of the structure of the northern Variscides and by accepting the route of the Sventoosy Mountain Range. The authors conclude by saying that the submitted chart is the result of three years of hard work performed by geologists throughout the world. Certain new data

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may not have been included, viz., results of drilling and geophysical investigations, but most of the important information on the geology of the continent is certainly given. The authors are confident that the new chart will receive wide acclaim and use in many geological institutes and research institutions of Europe. It is suggested in conclusion to plan a future second map and carry out a symposium on "The Tectonics of Europe". There are 2 charts.

ASSOCIATION: Komissiya po probleme "Tectonicheskiye Karty" pri Otdelenii geologo-geographicheskikh nauk AN SSSR, Moskva. (Committee on "Tectonic Charts" at the Department of Geologo-Geographical Sciences of the AS USSR, Moscow).

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